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**EDUCATION**

1992 - 1996 PhD thesis at the Institute for Genetics of the University of  
Cologne in Prof. Andreas Radbruch's group.  
"Cytokine expression in T helper cells:  
Pattern, kinetics and commitment"

1991 - 1992 Dissertation at the Institute for Genetics of the University of  
Cologne supervised by Prof. Andreas Radbruch.  
"Immunofluorescence analysis of cytokine production by T-cells"

1987 - 1992 Diploma degree in biology at the University of Cologne  
major subject: genetics  
minor subjects: biochemistry and pharmacology

1986 - 1987 Military service

1977 - 1986 Grammar school (Heinsberg)

1973 - 1977 Primary school (Haaren)

**AWARDS AND HONORS**

Sept. 24, 1997 Otto-Westphal prize of the German Society of Immunology  
Oct. 24, 1997 Klaus Goerttler prize of the German Society of Cytometry

**CAREER EXPERIENCE**

October 1996 to present Research and development at Miltenyi Biotec GmbH

## PUBLICATIONS

1. Schmitz, J., Assenmacher, M. and Radbruch, A. (1993): Regulation of T helper cell cytokine expression: functional dichotomy of antigen-presenting cells. *Eur. J. Immunol.* 23: S.191
2. Schmitz, J., Thiel, A., Kuhn, R., Rajewsky, K., Muller, W., Assenmacher, M. and Radbruch, A. (1994): Induction of interleukin 4 (IL-4) expression in T helper (Th) cells is not dependent on IL-4 from non-Th cells. *J. Exp. Med.* 179: S.1349
3. Assenmacher, M., Schmitz, J. and Radbruch, A. (1994): Flow cytometric determination of cytokines in activated murine T helper lymphocytes: expression of interleukin-10 in interferon-gamma and in interleukin-4-expressing cells. *Eur. J. Immunol.* 24: S.1097
4. Manz, R., Assenmacher, M., Pfluger, E., Miltenyi, S. and Radbruch, A. (1995): Analysis and sorting of live cells according to secreted molecules, relocated to a cell-surface affinity matrix. *Proc. Natl. Acad. Sci. USA* 9264: S.1921
5. Assenmacher, M., Scheffold, A., Schmitz, J., Segura Checa, J.A., Miltenyi, S. and Radbruch, A. (1996): Specific expression of surface interferon- $\gamma$  on interferon- $\gamma$  producing T cells from mouse and man. *Eur. J. Immunol.* 26: S.263
6. Assenmacher, M., Löhning, M., Scheffold, A., Manz, R., Schmitz, J. and Radbruch, A. (1998): Sequential production of IL-2, IFN- $\gamma$  and IL-10 by individual Th lymphocytes. *Eur. J. Immunol.* 28:1534-1543